

		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>September 24, 2019</div> <div>9:02:41AM</div>			
COUNTY: PEMISCOT		DISTRICT: SE		CLASS: STATBR		FED-ID: 9188		BRIDGE: T0536	
GENERAL STRUCTURE INFORMATION							***BRIDGE INSPECTION INFORMATION***		
<div>ROUTE: RTAE</div> <div>FEATURE: DRAIN DTCH NO 72</div> <div>STATUS: A-OPEN</div> <div>LOG MILE: 1.984</div> <div>DETOUR: 20.00 MILES</div> <div>NHS: NO</div> <div>BUILT: 1935</div> <div>REHAB:</div> <div>LOCATION: S 23 T 19 R 10 E</div> <div>LATITUDE: 36 15 48.42 (DMS)</div> <div>LONGITUDE: 89 56 36.73 (DMS)</div>		<div># SPANS: 1</div> <div>LANES ON: 2</div> <div>LANES UNDER: 0</div> <div>COMPASS DIRECTION: NORTH to SOUTH</div> <div>DIRECTION OF TRAFFIC: 2-WAY TRAF</div> <div>FUNCTIONAL CLASS: RL-MAJOR COLLECTOR</div> <div>NBI OWNER: MODOT</div> <div>NBI MAINTAINED: MODOT</div> <div>MAINTENANCE DISTRICT: SE</div> <div>MAINTENANCE COUNTY: PEMISCOT</div> <div>SUB AREA: 7H22</div>		<div>PLACE CODE: 56450 PASCOLA</div> <div>LENGTH: 48 FT 0 IN</div> <div>MAXIMUM SPAN: 45 FT 0 IN</div> <div>APPROACH ROADWAY: 20 FT 0 IN</div> <div>CURB TO CURB: 20 FT 0 IN</div> <div>OUT TO OUT: 21 FT 4 IN</div> <div>AADT: 394</div> <div>AADT YEAR: 2018</div> <div>AADT TRUCK: 4.4%</div> <div>FUTURE AADT: 591</div> <div>FUTURE AADT YEAR: 2038</div>		<div>DATE: 10/22/2018</div> <div>RESPONSIBILITY: DISTRICT</div> <div>FREQUENCY: 12</div> <div>CALCULATED INTERVAL**: 12</div> <div>TEAM LEADER: CURT STEGEMAN</div> <div>ELEMENT: NO</div> <div>INSPECTOR 2:</div> <div>INSPECTOR 4:</div> <div>INSPECTOR 3:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>			
						<div>GENERAL INSPECTION COMMENTS</div>			
FRACTURE CRITICAL INSPECTION INFORMATION					***INDEPTH INSPECTION INFORMATION***				
<div>DATE:</div> <div>FREQUENCY:</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>					<div>RESPONSIBILITY:</div> <div>CALCULATED INTERVAL**:</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY:</div> <div>NBI:</div> <div>METHOD:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>				
<div>FRACTURE CRITICAL INSPECTION COMMENTS</div>					<div>INDEPTH INSPECTION COMMENTS</div>				
SPECIAL INSPECTION INFORMATION					***UNDERWATER INSPECTION INFORMATION***				
<div>DATE: 05/22/2014</div> <div>FREQUENCY: 72</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2: CHANNEL CROSS SECTION</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>					<div>RESPONSIBILITY:</div> <div>CALCULATED INTERVAL**:</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY: CHANNEL CROSS SEC</div> <div>NBI: NO</div> <div>METHOD: WT TAPE</div> <div>DATE: 10/22/2018</div> <div>FREQUENCY: 60</div> <div>TEAM LEADER: CURT STEGEMAN</div> <div>INSPECTOR 2:</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>RESPONSIBILITY: DISTRICT</div> <div>CALCULATED INTERVAL**: 12</div> <div>METHOD: VISUAL</div> <div>CATEGORY: DRY</div> <div>NBI: NO</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>				
<div>SPECIAL INSPECTION COMMENTS</div>					<div>UNDERWATER INSPECTION COMMENTS</div>				
OTHER SPECIAL INSPECTIONS					OTHER UNDERWATER INSPECTIONS				
<div>DATE</div> <div>FREQUENCY</div> <div>CATEGORY</div> <div>NBI</div> <div>CALCULATED INTERVAL</div> <div>RESPONSIBILITY</div> <div>METHOD</div>					<div>DATE</div> <div>FREQUENCY</div> <div>CATEGORY</div> <div>NBI</div> <div>CALCULATED INTERVAL</div> <div>RESPONSIBILITY</div> <div>METHOD</div>				


Design_No = T0536

Page 1

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		State Bridge Inspection Report			9:02:41AM	
COUNTY: PEMISCOT		DISTRICT: SE	CLASS: STATBR	FED-ID: 9188	BRIDGE: T0536	
STRUCTURE POSTING						
APPROVED CATEGORY: S-1		NO POSTING REQUIRED				
Ton 1:		Ton 2:		Ton 3:		
COMMENTS:						
FIELD CATEGORY: S-1		NO POSTING REQUIRED				
Ton 1:		Ton 2:		Ton 3:		PROBLEM:
COMMENTS:		PROBLEM DIRECTION:				
GENERAL COMMENTS/MAJOR RATED ITEMS						
GENERAL COMMENTS: (BOWDEJ1, 09/15/2008)--(45') SMP WF GDR SPAN						
[ITEM 58] DECK: 4-POOR CONDITION			COMMENTS: (ROBINC3, 10/31/2016)--DELAMINATION AND 50% SATURATION			
RATING : 10/31/2016						
[ITEM 59] SUPER: 6-SATISFACTORY CONDITION			COMMENTS: (SHRUBM1, 02/03/2012)--TOP FLANGE RUST			
RATING : 05/18/2001			(ROBINC3, 10/31/2016)--DECK LIFTING			
[ITEM 60] SUB: 5-FAIR CONDITION			COMMENTS: (ROBINC3, 10/30/2018)--TIMBER PILE SPLICES EXPOSED @ S ABUT			
RATING : 05/18/2001						
[ITEM 61] BANK/CHANNEL: 5-MAJOR DAMAGE			COMMENTS: (ROBINC3, 10/31/2016)--DEEP CHANNEL SCOUR			
RATING : 10/31/2016						
[ITEM 113] SCOUR: 8-STABLE FOR CALCULATED			COMMENTS:			
RATING : 05/18/2001						
EVALUATION TYPE :						
[ITEM 71] WATERWAY ADEQUACY: DECK/APPRCH OVERTOP SLIGT			COMMENTS:			
RATING : 05/18/2001						
[ITEM 72] APPRRDWY ALIGNMENT: 8-VERYGOOD			COMMENTS:			
RATING : 05/18/2001						
RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS						
[ITEM 36A] BRIDGE RAILING RATING: DOESNT MEET CURRNT STND-0						
RATING : 02/18/2004		COMMENTS:				
<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>		<u>COMMENTS</u>
REINFORCED CONCRETE		CURB		BOTH		
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>
SPALLS		RANDOM				MINOR
VERTICAL CRACKS		THROUGHOUT				MINOR
STEEL		CHANNEL-DOUBLE		BOTH		
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>
COLLISION DAMAGE		RANDOM				MINOR
RUSTING		THROUGHOUT				MODERATE
[ITEM 36B] TRANSITION RAILING RATING: NOT PROVIDED-0		RATING : 05/18/2001		COMMENTS:		
[ITEM 36C] APPROACH RAILING RATING: NOT PROVIDED-0		RATING : 05/18/2001		COMMENTS:		
Design_No = T0536						
Page 2						
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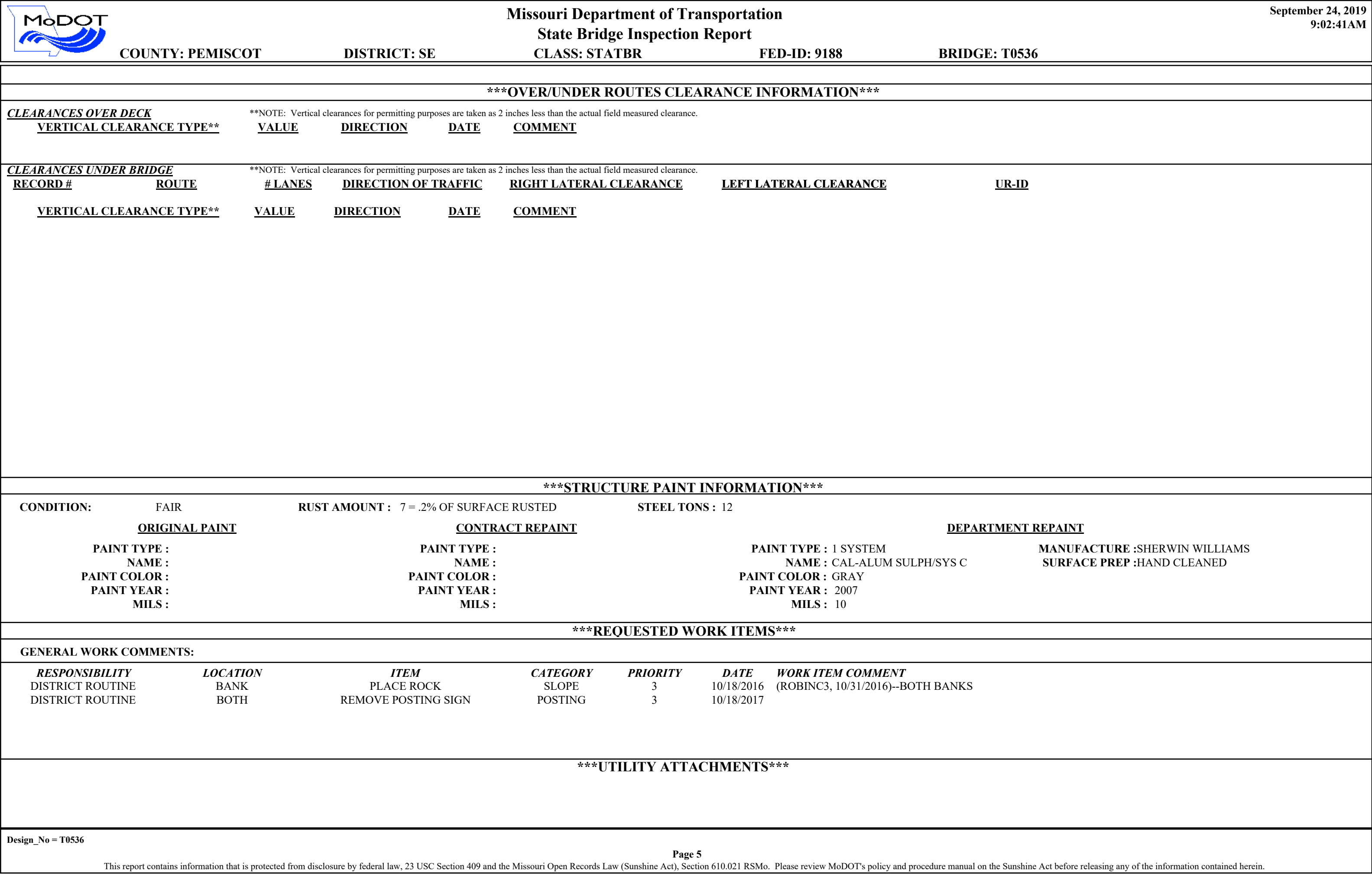
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[ITEM 36D] RAIL END TREATMENT RATING: NOT PROVIDED-0				RATING : 05/18/2001		COMMENTS:			
APPROACH PAVEMENT: *Overall condition assigned for each approach pavemenet component is shown below.									
<u>MATERIAL</u> ASPHALT		<u>CONSTRUCTION</u> BITUMINOUS MAT		<u>DIRECTION</u> BOTH		<u>CONDITION*</u> FAIR		<u>COMMENTS</u> (ROBINC3, 10/31/2016)--RUTTED	
DRAINAGE, EXPANSION DEVICES, BANK/SLOPE, AND DECK PROTECTIVE COMPONENTS									
<u>DECK PROTECTIVE COMPONENTS:</u>									
<u>SERIES TYPE-#</u> MAIN SERIES-1		<u>COMPONENT</u> WEARING SURFACE		<u>MATERIAL</u> ASPHALT		<u>CONSTRUCTION</u> BITUMINOUS SEAL COAT		<u>THICKNESS</u> 1.4 IN	
						<u>YEAR APPLIED</u> 2015		<u>MANUFACTURE</u>	
<u>COMMENT:</u>								<u>OVERALL CONDITION</u> GOOD	
		DECK PROTECTION		NOTAPPLICABLE		NONE			
<u>COMMENT:</u>									
		MEMBRANE		NOTAPPLICABLE		NONE			
<u>COMMENT:</u>									
<u>DRAINAGE COMPONENTS:</u>									
		<u>COMPONENT</u> DRAINAGE		<u>MATERIAL</u> REINFORCED CONCRETE		<u>CONSTRUCTION</u> CURB OUTLET		<u>DIRECTION</u>	
								<u>COMMENTS</u>	
<u>EXPANSION DEVICE COMPONENTS:</u>									
<u>SUB UNIT-#</u>		<u>SUB LABEL</u>		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
								<u>GAP</u>	
								<u>YEAR APPLIED</u>	
								<u>MANUFACTURE</u>	
<u>COMMENT:</u>								<u>OVERALL CONDITION</u>	
<u>BANK/SLOPE PROTECTION COMPONENTS:</u>									
		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>	
								<u>COMMENTS</u>	
DECK COMPONENTS									
<u>SPAN TYPE-#</u> MAIN SPANS-1		<u>COMPONENT</u> DECK		<u>MATERIAL</u> REINFORCED CONCRETE		<u>CONSTRUCTION</u> CAST-IN-PLACE		<u>COMMENTS</u>	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>		<u>MEASUREMENT</u>	
DELAMINATION		EDGE				MODERATE			
EFFLORESCENCE		THROUGHOUT				MINOR			
REBAR EXPOSED		EDGE				MODERATE			
SATURATION		THROUGHOUT				MODERATE		50 %	
SPALLS		EDGE				MINOR			
TRANSVERSE CRACKS		THROUGHOUT				MINOR		(ROBINC3, 11/15/2017)--W/RUST	
SUPERSTRUCTURE COMPONENTS									
Design_No = T0536									
Page 3									
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COUNTY: PEMISCOT		DISTRICT: SE		CLASS: STATBR		FED-ID: 9188		BRIDGE: T0536	
<u>SERIES TYPE-#</u>	<u>SPAN TYPE</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>LABEL</u>	<u>COMMENTS</u>				
MAIN SERIES-1	SIMPLE SPAN	STEEL	WIDE FLANGE GIRDERS						
<u>SPAN</u>	<u>COMPOSITE INDICATOR</u>	<u>LENGTH</u>	<u>WEATHERING STEEL</u>	<u>COMMENTS</u>					
MAIN SPANS-1	NON-COMPOSITE	45 FT 0 IN	NO						
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>				
DECK LIFTING	THROUGHOUT		MINOR						
PACK RUST	EXTERIOR GIRDERS		MINOR						
RUSTING	TOP FLANGE		LIGHT						
SECTION LOSS	EXTERIOR GIRDERS		INITIAL						
SUBSTRUCTURE COMPONENTS									
<u>SUBSTRUCTURE</u>	<u>SKEW</u>	<u>LENGTH</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>LABEL</u>	<u>COMMENTS</u>			
ABUTMENT-1		20 FT 6 IN	TIMBER	NON-INTEGRAL					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
<u>ASSOCIATED COMPONENT</u>			<u>MATERIAL</u>	<u>CONSTRUCTION</u>					
BEAM CAP			TIMBER	BEAM					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
	SPLITTING		THROUGHOUT		MINOR				
PILING			TIMBER	OTHER					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
REPLACE WITH H PILE			ALL		NOT APPLICABLE				
STRAIGHT WINGS			TIMBER	PLANKS					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
WING PILES			TIMBER	OTHER					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
BACKWALL			TIMBER	PLANKS					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
FIXED BEARING			STEEL	FLAT PLATE					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
	PACK RUST		THROUGHOUT		MINOR				
ABUTMENT-2		20 FT 6 IN	TIMBER	NON-INTEGRAL					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
	EROSION		GROUND LINE		MODERATE		(BLALOR1, 10/21/2014)--@ PILING		
<u>ASSOCIATED COMPONENT</u>			<u>MATERIAL</u>	<u>CONSTRUCTION</u>					
BEAM CAP			TIMBER	BEAM					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
	SPLITTING		THROUGHOUT		MINOR				
PILING			TIMBER	OTHER					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
REPLACE WITH H PILE			3 OF 4		NOT APPLICABLE				
STRAIGHT WINGS			TIMBER	PLANKS					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
WING PILES			TIMBER	OTHER					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
	ROTTEN		THROUGHOUT		MODERATE				
BACKWALL			TIMBER	PLANKS					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
FIXED BEARING			STEEL	FLAT PLATE					
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>		
	PACK RUST		THROUGHOUT		MINOR				

Design_No = T0536

Page 4

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UTILITY		OWNER		METHOD		MEASUREMENT TYPE		VALUE		NUMBER		UTILITY ATTACHMENT		COMMENT																																						
PROGRAM NOTES INFORMATION																																																				
<u>YEAR</u> 2023		<u>PROJECT #</u> J9S3530		<u>MONTH LET</u> 1		<u>YEAR LET</u> 2023		<u>ITEMS</u> REPLACE BRIDGE		<u>COMMENT</u>																																										
COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS										***ADVANCED SIGN INFORMATION***																																										
<div>NOTE: The items listed in this section are updated whenever computer edits are ran on a structure after the inspection updates have been entered in to TMS.</div> <table><tr><td><u>Rated Item</u></td><td><u>Rating</u></td><td><u>Rating Date</u></td></tr><tr><td>[Item 67] Structure Evaluation Rating:</td><td>4-MEETS MINIMUM TOLERABLE</td><td>3/17/2003</td></tr><tr><td>[Item 68] Deck Geometry Rating:</td><td>4-MEETS MINIMUM TOLERABLE</td><td>2/26/2019</td></tr><tr><td>[Item 69] Underclearance:</td><td>N-NOT APPLICABLE</td><td>5/18/2001</td></tr><tr><td>Sufficiency Rating:</td><td>41.4%</td><td>2/26/2019</td></tr><tr><td>Deficiency:</td><td>STRUCTURAL</td><td>1/4/2017</td></tr><tr><td>Funding Eligibility:</td><td>FULL</td><td>----</td></tr><tr><td>Estimated New Structure Length:</td><td>69 FT.</td><td>----</td></tr><tr><td>Estimated Structure Cost:</td><td>\$215,238</td><td>----</td></tr><tr><td>Estimated Total Project Cost:</td><td>\$322,857</td><td>----</td></tr><tr><td>Year of Cost Estimate:</td><td>2019</td><td>----</td></tr></table> <div>NOTE: The above structure length and cost estimates are computer generated using algorithms in the TMS system. These algorithms are generalized to use NB items to come up with a new structure length and width to calculate a new area which is taken times a representative cost per square foot. The actual structure siz and cost may vary significantly from these numbers once site specific engineering is done.</div>										<u>Rated Item</u>	<u>Rating</u>	<u>Rating Date</u>	[Item 67] Structure Evaluation Rating:	4-MEETS MINIMUM TOLERABLE	3/17/2003	[Item 68] Deck Geometry Rating:	4-MEETS MINIMUM TOLERABLE	2/26/2019	[Item 69] Underclearance:	N-NOT APPLICABLE	5/18/2001	Sufficiency Rating:	41.4%	2/26/2019	Deficiency:	STRUCTURAL	1/4/2017	Funding Eligibility:	FULL	----	Estimated New Structure Length:	69 FT.	----	Estimated Structure Cost:	\$215,238	----	Estimated Total Project Cost:	\$322,857	----	Year of Cost Estimate:	2019	----	<table><tr><td><u>SIGN #</u> 1</td><td><u>SIGN TYPE</u></td><td><u>PROBLEM</u></td><td><u>PROBLEM DIRECTION</u></td></tr></table>						<u>SIGN #</u> 1	<u>SIGN TYPE</u>	<u>PROBLEM</u>	<u>PROBLEM DIRECTION</u>
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